Day 200	C Tier 10-a-day
1 Write the number 4190 in words.	
2 The diameter of a coin is 50 m. Work out the radius.	
3 The table shows the number of brothers and sisters of each student in a class. Work out the total frequency. **Brothers and sisters** / **0** / **1** / **2** / **3** / **4** Frequency / 7 / 8 / 12 / 10 / 10	
4 The temperatures in five towns are shown (in °C). $-8, 6, -3, 4, -4$ Write them in order, starting with the highest.	
5 Here are the first four terms of a sequence. 4, 9, 16, 25 Write down the next term.	

Day 200 **C Tier 10-a-day**

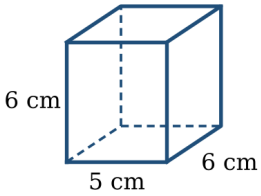
6 Find the missing number.

$\frac{1}{4} = \frac{?}{12}$

7 The table shows part of a bus timetable.
Priya arrives at Library at 08:16.
What is the time of the next bus from Library?

Bus stop	Bus 1	Bus 2	Bus 3
Library	08:20	08:40	09:00
Park	08:30	08:50	09:10
School	08:40	09:00	09:20
Station	08:50	09:10	09:30

8 The diagram shows a cuboid.
Work out the volume of the cuboid.
The diagram is not drawn accurately.



9 There are x pencils in each box.
5 boxes hold 25 pencils in total.
(a) Write down an equation using x.
(b) Solve your equation to find how many pencils are in each box.

10 Sam wants to find out how much money people spend on books.
Sam asks only people in a bookshop.
Give a reason why this sample may be biased.